JuicePump 150

Datasheet

Fast charging at the cutting edge of technology

JuicePump 150 is a multi-standard DC charging station for electric vehicles that provides a seamless charging experience up to 150 kW. Available in two output configurations to suit every need, it is compatible with all the main DC charging standards of the EVs on the market.

JuicePump 150 allows for parallel charging, giving the possibility to charge two vehicles at the same time. High performance, without compromises.

Compact, reliable and equipped with different connectivity options, JuicePump 150 offers active user control and a remote assistance service. The optional of including a UPT payment terminal is also available.

CONFIGURATIONS

OUTPUT CONNECTORS	*OPTIONAL*
CCS2 + CCS2	UPT payment terminal
CCS2 + CHAdeMO	UPT payment terminal

INTENDED USE

PRIVATE

Charging station installed in a private area, available to a limited group of users, for private charging only.

PUBLIC

Charging station installed in a public area or in a private area with public access, open to all types of customers.

WHY JUICEPUMP 150?

RELIABLE

Locking system that prevents unauthorized disconnection of the plugs during charging

Remote technical assistance service available 7 days a week

Fully weatherproof enclosure, perfect for outdoor installations

INTUITIVE

15'' LCD Touch Panel guiding the user through the charging process

Seamless user experience

CONNECTED

Real time communication with Enel X smart charging platform via 4G, Wi-Fi or LAN

Possibility to manage charging procedure via mobile App and RFID card

Integration with Enel X web dashboards for a complete control of the charging experience, including setting charger parameters and accessing charging history details

VERSATILE

Two output configurations available, with possibility of DC parallel charging and UPT terminal option

PRODUCT SPECIFICATIONS

Input rating	Phase 400Vac +/- 10% 50Hz
Power factor	>0.98 at nominal output power
Current TDH	<15% at nominal output power
Efficiency	93% at 400 V (max power) 94,6% at 800 V (at 120 kW)
Output configuration	Two output connectors, available in two configurations: CCS2 + CCS2 and CCS2 + CHAdeMO
Output voltage	CCS2: 1000Vdc CHAdeMO: 500Vdc
DC output current	CCS2: 200A max. CHAdeMO: 125A max.
DC output power	CCS2: 150kW max. CHAdeMO: 50kW max.
Power split	Simultaneous DC charging possible for two vehicles
Charging cable length	CCS2 and CHAdeMO: 5m, longer or shorter cables on demand
Display	15'' LCD Touch Panel
RFID reader	RFID reader available
UPT payment	UPT available as optional
Connectivity	GPRS/3G/4G; Wifi; LAN; Bluetooth
Protocol	OCPP1.6J
Operating temperature	-25°C to +50°C
Humidity	5% - 95%
Dimensions	1750 x 740 x 615 mm (HxWxD)
Weight	395 kg
Enclosure protection	IP54 IK10
Power metering	DC meter with PTB approval AC meter with MID certificate
Installation	Ground basement
Certification	CE certification Mess EG certification in progress

NOTE: The maximum power deliverable in DC by the charging station at any given time is 150kW, also in case of parallel charging.